Abarna_day73

```c
#include <stdio.h>
#include <string.h>

int main() {
    int T;
    scanf("%d", &T);
    while (T--) {
        int N, max_length = 0;
        scanf("%d", &N);
        char S[1001];
        scanf("%s", S);

        for (int len = 1; len <= N; len++) {
            for (int i = 0; i <= N - len; i++) {
                int j, count = 1;
                for (j = i + 1; j < i + len; j++) {
                    if (S[j] != S[j - 1]) break;
                }
                if (j == i + len) {
                    for (j = i + len; j <= N - len; j++) {
                        if (strncmp(S + i, S + j, len) == 0) count++;
                    }
                    if (count > 1) max_length = len > max_length ? len : max_length;
                }
            }
        }

        printf("%d\n", max_length);
    }
    return 0;
}
```